

SEQUENCE LISTING

<110> Segal, Andrew H ...
Young, Elihu

<120> Lectin Compositions and Methods for Modulating an Immune Reponse to an Antigen

<130> 11111/2003E

<140> US 10/666,886

<141> 2003-09-19

<150> US 10/645,000

<151> 2003-08-20

<150> US 60/404,823

<151> 2002-08-20

<150> US 60/487,407

<151> 2003-07-15

<160> 31

<170> PatentIn version 3.2

<210> 1

<211> 11

<212> PRT

<213> Artificial

<220>

<223> Synthetic Peptide Spacer

<400> 1

Arg Ala Arg Asp Pro Arg Val Pro Val Ala Thr

1 5 10

<211>	11	
<212>	DNA	
<213>	Homo sapiens	
<400>	2	
cgaaaatttc c		11
<210>	3	
<211>	148	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthetic Oligonucleotide	
<400>	3	
aattcc	gcgc cggcacagtg ctcagagaca aactggtcaa gtgtgagggc atcagcctgc	60
tggctc	agaa cacctegtgg ctgctgctgc teetgetgte ceteteeete eteeaggeea	120
cggatt	tcat gtccctgtga ctgggtac	148
<210>	4	
<211>	140	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthetic Oligonucleotide	
<400>	4	
ccagtc	acag ggacatgaaa teegtggeet ggaggaggga gagggacage aggagcagca	60
gcagcc	acga ggtgttctga gccagcaggc tgatgccctc acacttgacc agtttgtctc	120
tgagcactgt gccggcgcgg		

<210>	5	
<211>	50	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthetic Oligonucleotide	
<400>	5	
ccgaatt	cat gtggctgcag aatttacttt teetgggeat tgtggtetae	50
<210>	6	
<211>	50	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthetic Oligonucleotide	
<400>	6	
cagceggett tttggaetgg ttttttgeat teaaagggga tateagteag 50		
<210>	7	
<211>	37	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthetic Oligonucleotide	
<400>	7	
gtageeg	ggcg ctagctcggg gtcttcttcc aagtcta	37

<210> 8

```
<211> 40
<212> DNA
<213> Artificial
<220>
<223> Synthetic Oligonucleotide
<400> 8
40
<210> 9
<211> 26
<212> DNA
<213> Artificial
<220>
<223> Synthetic Oligonucleotide
<400> 9
tacggccggc acccacccgc tcaccc
                                                            26
<210> 10
<211> 31
<212> DNA
<213> Artificial
<220>
<223> Synthetic Oligonucleotide
<400> 10
tacggccgcc acaatgaaaa taagatacca t
                                                            31
<210> 11
```

<211> 38

```
<212> DNA
<213> Artificial
<220>
<223> Synthetic Oligonucleotide
<400> 11
gcgaatcccg gccggcaccc gcccgctcgc ccagcccc
                                                                     38
<210> 12
<211> 32
<212> DNA
<213> Artificial
<220>
<223> Synthetic Oligonucleotide
<400> 12
cagccggcct cctggactgg ctcccagcag tc
                                                                    32
<210> 13
<211> 32
<212> DNA
<213> Artificial
<220>
<223> Synthetic Oligonucleotide
<400> 13
tacggccggc acccgcccgc tcgcccagcc cc
                                                                    32
<210> 14
<211> 31
```

<212> DNA

```
<213> Artificial
<220>
<223> Synthetic Oligonucleotide
<400> 14
tacggccgcc acaatgaaaa taagatacca t
                                                                    31
<210> 15
<211> 42
<212> DNA
<213> Artificial
<220>
<223> Synthetic Oligonucleotide
<400> 15
ccggcactag tggcggaggg ggctccggcg gcgggggcag cg
                                                                    42
<210> 16
<211> 42
<212> DNA
<213> Artificial
<220>
<223> Synthetic Oligonucleotide
<400> 16
ctagcgctgc ccccgccgcc ggcgccccct ccgccactag tg
                                                                    42
<210> 17
<211> 10
<212> PRT
<213> Artificial
```

```
<220>
<223> Synthetic Peptide Spacer
<400> 17
Gly Gly Gly Ser Gly Gly Gly Ser
1
               5
                                   10
<210> 18
<211> 26
<212> DNA
<213> Artificial
<220>
<223> Synthetic Oligonucleotide
<400> 18
atgctagcga cacaatatgt ataggc
                                                                   26
<210> 19
<211> 38
<212> DNA
<213> Artificial
<220>
<223> Synthetic Oligonucleotide
<400> 19
atggtacccg gccgttatca tctggattga atggacgg
                                                                   38
<210> 20
<211> 26
<212> DNA
<213> Artificial
```

```
<220>
<223> Synthetic Oligonucleotide
<400> 20
tacggccggc acccacccgc tcaccc
                                                                    26
<210> 21
<211> 38
<212> DNA
<213> Artificial
<220>
<223> Synthetic Oligonucleotide
<400> 21
atggtacccg gccgttatca tctggattga atggacgg
                                                                    38
<210> 22
<211> 32
<212> DNA
<213> Artificial
<220>
<223> Synthetic Oligonucleotide
<400> 22
ctgaattccg gccggacaca atatgtatag gc
                                                                    32
<210> 23
<211> 62
<212> DNA
<213> Artificial
<220>
```

<223>	Synthetic Oligonucleotide		
<400>	23		
atggta	ccgc tgcccccgcc gccggagccc cctccgccac ttctggattg aatggacgga	60	
at		62	
<210>	24		
<211>	29		
<212>	DNA		
<213>	Artificial		
<220>			
<223>	Synthetic Oligonucleotide		
<400>	24		
acggta	ccgc acccacccgc tcacccatc	29	
<210>	25		
<211>	40		
<212>	DNA		
<213>	Artificial		
<220>			
<223>	Synthetic Oligonucleotide		
<400>	25		
taggatcccg gccgtcattt ttggactggt tttttgcacg 40			
<210>	26		
<211>	32		
<212>	DNA		
<213>	Artificial		
<220>			

```
<223> Synthetic Oligonucleotide
<400> 26
ctgaattccg gccggacaca atatgtatag gc
                                                                    32
<210> 27
<211> 40
<212> DNA
<213> Artificial
<220>
<223> Synthetic Oligonucleotide
<400> 27
taggatcccg gccgtcattt ttggactggt tttttgcacg
                                                                    40
<210> 28
<211> 35
<212> DNA
<213> Artificial
<220>
<223> Synthetic Oligonucleotide
<400> 28
gcgaattccg gccggcaccc gcccgctcgc ccagc
                                                                    35
<210> 29
<211> 29
<212> DNA
<213> Artificial
<220>
```

<223> Synthetic Oligonucleotide

<400>	29	
tagccg	gcct cctggactgg ctcccagca	29
<210>	30	
<211>	35	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthetic Oligonucleotides	
<400>	30	
gcgaattccg gccggcaccc gcccgctcgc ccagc		35
<210>	31	
<211>	38	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthetic Oligonucleotide	
<400>	31	
	cccg gccgttatca tctggattga atggacgg	38